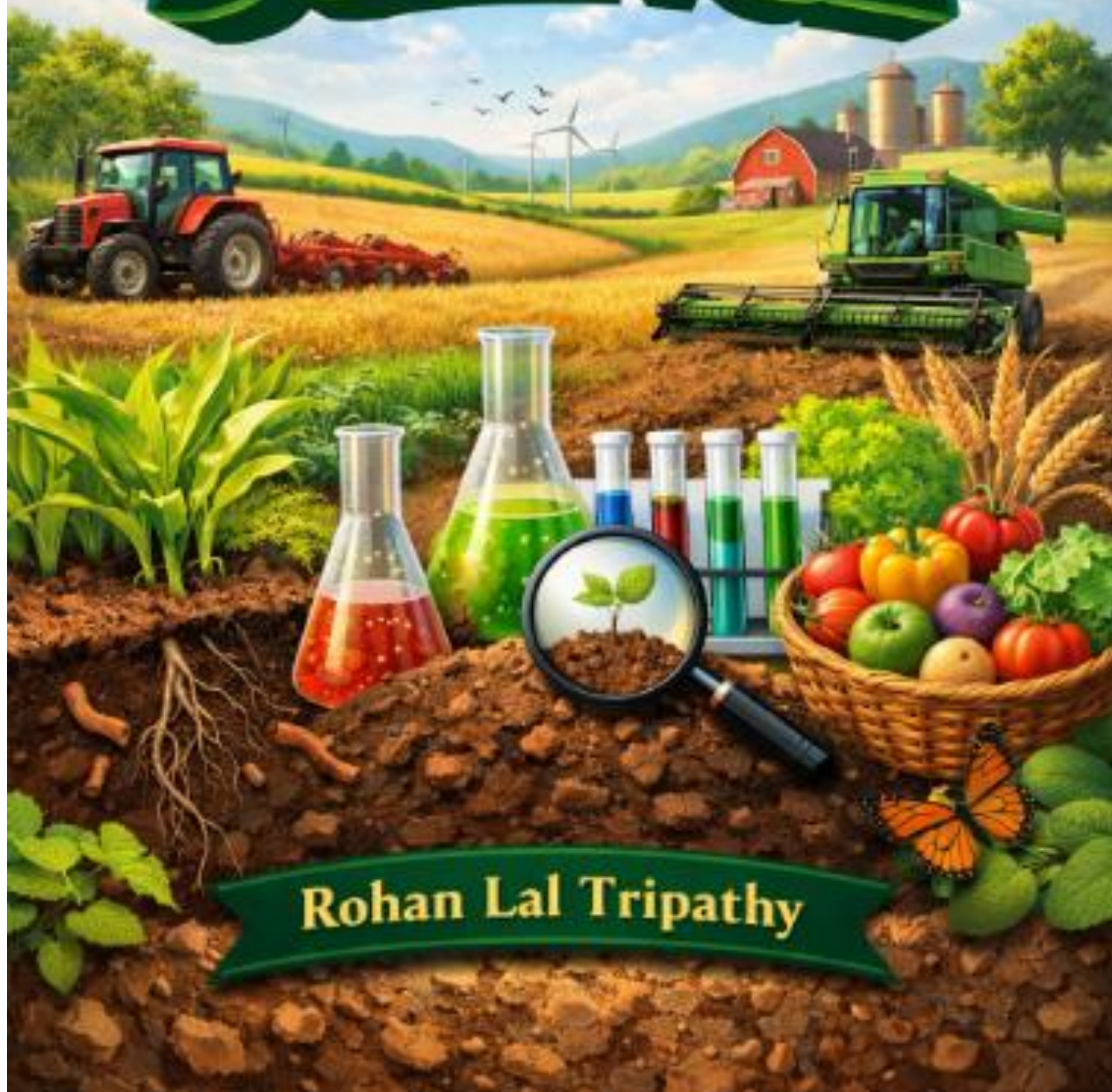


AGRI SCIENCE



Rohan Lal Tripathy

PREFACE

Agricultural science is the foundation of food security, environmental sustainability, and rural development. In an era marked by rapid population growth, climate variability, and shrinking natural resources, the role of scientific agriculture has become more critical than ever before. This book, *Agri Science*, has been written with the objective of presenting the fundamental and applied aspects of agricultural science with special emphasis on soil science, which forms the backbone of crop production systems.

The content of this book is designed to provide a clear understanding of agricultural principles, soil formation, soil properties, nutrient management, and sustainable farming practices. Efforts have been made to present the subject matter in a systematic, simple, and comprehensive manner so that it serves the needs of undergraduate and postgraduate students, researchers, and professionals in agriculture and allied disciplines. Each chapter addresses key concepts supported by logical explanations to enhance conceptual clarity.

Special attention has been given to the integration of traditional agricultural knowledge with modern scientific approaches. Topics such as soil fertility management, crop production techniques, and sustainable agriculture are discussed to highlight their relevance in improving productivity while conserving natural resources. The book also introduces emerging trends and technological advancements in agriculture to prepare readers for future challenges.

It is hoped that this book will serve as a valuable academic resource and contribute to building a strong foundation in agricultural and soil sciences. Constructive feedback and suggestions from readers are welcome for further improvement in future editions.

Rohan Lal Tripathy

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